

Attorney Docket No.: **DEX-0172**
Inventors: **Salceda et al.**
Serial No.: **09/763,978**
Filing Date: **April 25, 2001**
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This listing of the claims will replace all prior versions and listings of claims in the application:

Listing of the claims:

Claim 14: (currently amended) An isolated antibody or antibody fragment that binds specifically to an ovarian specific native protein expressed by a gene comprising a protein encoded by a polynucleotide sequences of any of SEQ ID NO: 1, 10, 11, 12, 13 or 16.

Claim 15: (currently amended) The isolated antibody or antibody fragment of claim 14 wherein the antibody binds specifically to the ovarian specific native protein expressed by the gene comprising protein encoded by the polynucleotide sequence of SEQ ID NO: 1.

Claim 16: (currently amended) The isolated antibody or antibody fragment of claim 14 wherein the antibody binds specifically to the ovarian specific native protein expressed by the gene comprising protein encoded by the polynucleotide sequence of SEQ ID NO: 10.

Claim 17: (currently amended) The isolated antibody or antibody fragment of claim 14 wherein the antibody binds specifically to the ovarian specific native protein expressed by the gene comprising protein encoded by the polynucleotide sequence of SEQ ID NO: 11.

Claim 18: (currently amended) The isolated antibody or antibody fragment of claim 14 wherein the antibody binds specifically to the ovarian specific native protein

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~~expressed by the gene comprising protein encoded by the polynucleotide sequence of SEQ ID NO: 12.~~

Claim 19: (currently amended) The isolated antibody or antibody fragment of claim 14 wherein the antibody binds specifically to the ovarian specific native protein ~~expressed by the gene comprising protein encoded by the polynucleotide sequence of SEQ ID NO: 13.~~

Claim 20: (currently amended) The isolated antibody or antibody fragment of claim 14 wherein the antibody binds specifically to the ovarian specific native protein ~~expressed by the gene comprising protein encoded by the polynucleotide sequence of SEQ ID NO: 16.~~

Claim 21: (currently amended) The isolated antibody or antibody fragment of claim 14 wherein the antibody is a monoclonal antibody.

Claim 22: (currently presented) The isolated antibody or antibody fragment of claim 14 wherein the antibody or antibody fragment is attached to a reagent selected from the group consisting of radioactive reagents, fluorescent reagents and enzymatic reagents.

Claim 23: (currently amended) The isolated antibody or antibody fragment of claim 22 wherein the enzymatic reagent is horseradish peroxidase or alkaline phosphatase.

Claim 24: (currently amended) The isolated antibody or antibody fragment of claim 14 wherein the antibody or

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antibody fragment specifically binds to the native protein in cells, tissues, tissue extracts or bodily fluids.

Claim 25: (currently amended) The isolated antibody or antibody fragment of claim 24 wherein the antibody is a monoclonal antibody.

Claim 26: (currently amended) The isolated antibody or antibody fragment of claim 24 wherein the bodily fluids are selected from the group consisting of blood, urine, saliva and bodily secretions.

Claim 27: (currently amended) The isolated antibody or antibody fragment of claim 26 wherein blood is whole blood, plasma, or serum or a derivative of blood.

Claim 28: (currently amended) A method for binding an antibody or antibody fragment to ovarian specific native a protein encoded by polynucleotide sequences of any of SEQ ID NO: 1, 10, 11, 12, 13 or 16 on a cell comprising contacting the cell with an isolated antibody or antibody fragment that binds specifically to an ovarian specific native protein expressed by the gene comprising protein encoded by polynucleotide sequences of any of SEQ ID NO: 1, 10, 11, 12, 13 or 16.

Claim 29: (currently amended) The method of claim 28 wherein the antibody or antibody fragment binds specifically to the ovarian specific native protein expressed by the gene comprising protein encoded by the polynucleotide sequence of SEQ ID NO: 1.

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Claim 30: (currently amended) The method of claim 28
wherein the antibody or antibody fragment binds
specifically to the ~~ovarian specific native protein~~
~~expressed by the gene comprising protein encoded by the~~
polynucleotide sequence of SEQ ID NO: 10.

Claim 31: (currently amended) The method of claim 28
wherein the antibody or antibody fragment binds
specifically to the ~~ovarian specific native protein~~
~~expressed by the gene comprising protein encoded by the~~
polynucleotide sequence of SEQ ID NO: 11.

Claim 32: (currently amended) The method of claim 28
wherein the antibody or antibody fragment binds
specifically to the ~~ovarian specific native protein~~
~~expressed by the gene comprising protein encoded by the~~
polynucleotide sequence of SEQ ID NO: 12.

Claim 33: (currently amended) The method of claim 28
wherein the antibody or antibody fragment binds
specifically to the ~~ovarian specific native protein~~
~~expressed by the gene comprising protein encoded by the~~
polynucleotide sequence of SEQ ID NO: 13.

Claim 34: (currently amended) The method of claim 28
wherein the antibody or antibody fragment binds
specifically to the ~~ovarian specific native protein~~
~~expressed by the gene comprising protein encoded by the~~
polynucleotide sequence of SEQ ID NO: 16.

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Claim 35: (previously presented) The method of claim 28
wherein the antibody is a monoclonal antibody.

Claim 36: (currently amended) The method of claim 28
wherein the antibody or antibody fragment is attached to a
reagent selected from the group consisting of radioactive
reagents, fluorescent reagents and enzymatic reagents.

Claim 37: (previously presented) The method of claim 36
wherein the enzymatic reagent is horseradish peroxidase or
alkaline phosphatase.